

3/3,AB/1 (Item 1 from file: 351)

DIALOG(R) File 351:Derwent WPI

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WPI Acc No: 1999-243873/199920

XRPX Acc No: N99-181486

Channel switching method where the receiving status is obtained without interrupting the communication, improving quality

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU); MATSUSHITA DENKI SANGYO KK (MATU)

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Number of Countries: 080 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9913665	A1	19990318	WO 98JP4051	A	19980909	199920 B
AU 9890007	A	19990329	AU 9890007	A	19980909	199932
JP 11150751	A	19990602	JP 98253805	A	19980908	199932
CN 1239632	A	19991222	CN 98801301	A	19980909	200018
KR 2000068927	A	20001125	WO 98JP4051	A	19980909	200130
			KR 99704075	A	19990507	

Priority Applications (No Type Date): JP 97264976 A 19970910

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9913665 A1 J 21 H04Q-007/30

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9890007 A H04Q-007/30 Based on patent WO 9913665

JP 11150751 A 10 H04Q-007/22

CN 1239632 A H04Q-007/30

KR 2000068927 A H04Q-007/30 Based on patent WO 9913665

Abstract (Basic): WO 9913665 A1

Abstract (Basic):

NOVELTY - The received field strength of a desired wave is measured (102), and the received field strength of an interfering wave is measured (103). The received strengths are compared (104) to calculate a D/U ratio and a frame error rate is measured (106). The future D/U ratio and frame error rate are estimated from their histories to switch (105) the communication channel.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a channel switching apparatus.

USE - None given.

ADVANTAGE - The receiving status is obtained without interrupting the communication, thus improving the communication quality.

DESCRIPTION OF DRAWING(S) - The drawing shows desired-wave received field strength sensor (102) interfering-wave received field strength sensor (103) comparator (104) switch (105) frame rate sensor (106)
pp; 21 DwgNo 1/9

3/3,AB/2 (Item 1 from file: 345)
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
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Basic Patent (No,Kind,Date): WO 9913665 A1 19990318 <No. of Patents: 004>
CHANNEL SWITCHING DEVICE AND CHANNEL SWITCHING METHOD (English)

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Author (Inventor): HIRAMATSU KATSUHIKO (JP); MATSUMOTO ATSUSHI (JP); TAKAHASHI HIDEYUKI (JP); MIYOSHI KENICHI (JP)

Designated States : (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA ; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; HU; ID; IL; IS; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZW (Regional) GH; GM; KE; LS; MW; SD; SZ; UG; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

Filing Details: WO 100000 With international search report

IPC: *H04Q-007/30; H04Q-007/32

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Language of Document: Japanese

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AU 9890007	A1	19990329	AU 9890007	A	19980909
CN 1239632	T	19991222	CN 98801301	A	19980909
JP 11150751	A2	19990602	JP 98253805	A	19980908
WO 9913665	A1	19990318	WO 98JP4051	A	19980909 (BASIC)

Priority Data (No,Kind,Date):

JP 97264976	A	19970910
WO 98JP4051	W	19980909
JP 98253805	A	19980908